

Modernization of Universal (Cont.)

80V/1688

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AVAILABLE: Library of Congress (TJ1260.M65)

GO/hcr
6-17-59

Card 4/4

25(5)

PHASE I BOOK EXPLOITATION

SOV/1352

Kashepava, M. Ya., Ye. I. Terekhina, V.A. Kudinov, A.S.
Lapidus, and G.M. Azarevich

Modernizatsiya universal'nykh gorizonta'l'no-rastochnykh
stankov; rukovodyashchiye materialy (Modernization of
Universal Horizontal Boring Machines; Instructions) Moscow,
Mashgiz, 1958. 247 p. 7,000 copies printed.

Sponsoring Agency: Moscow. Eksperimental'nyy nauchno-issle-
dovatel'skiy institut metalloobrabotki i mashinostroyeniya.

Ed.: A. Ye. Prokopovich; Ed. of Publishing House: Ye. A.
Shemshurina; Tech. Ed.: V.D. El'kind; Managing Ed. for
Literature on Metalworking and Toolmaking (Mashgiz): R.D.
Beyzel'man, Engineer.

PURPOSE: This book is intended for mechanics and designers

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25 (1,7)

PHASE I BOOK EXPLOITATION

SOV/1687

Gladkov, B. A., L.N. Grachev, P.M. Shpigel'shteyn, V.A. Kudinov,
A.S. Lapidus, G.M. Azarevich, Yu. A. Leshchenko

Modernizatsiya tokarnykh stankov; rukovodyashchiye materialy
(Modernization of Lathes; Instructions) Moscow, Mashgiz, 1958.
286 p. 6,800 copies printed.

Sponsoring Agency: Moscow. Eksperimental'nyy nauchno-issledovatel'skiy
institut metallorazhreshchikh stankov.

Ed.: A.Ye. Prokopovich; Ed. of Publishing House: N.A. Ivanova;
Tech. Ed.: Ye. N. Matveyeva; Managing Ed. for Literature on
Metal Working and Tool Making: R.D. Beyzel'man, Engineer.

PURPOSE: This book is intended for manufacturing personnel dealing
with the operation of machine tools, and for designers in plant
machine-shops, and engineer-technologists.

Card 1/5

Modernization of Lathes; Instructions

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Modernization of Lathes; Instructions

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AVAILABLE: Library of Congress (TJ1218.M657)

Card 5/5

GO/jmr
6-8-59

AZAREVICH, G.M., kand.tekhn.nauk

Finishing internal surfaces with multi-roll hard rollers. Trakt. 41
sel'khozmasb. 30 no.7:37-43 J1'60. (MIRA 13:10)
(Grinding and polishing)

AZAREVICH, G.M., kand.tekhn.nauk, GUSYATSKIY, I.A., inzh.

Intensification of the lapping of plunger bushings in fuel pumps. Trakt. i sel'khoz mash. 30 no.8:41-42 Ag '60.
(MIRA 13:8)

1. Nauchno-issledovatel'skiy institut Traktorosel'khoz mash.
(Grinding and polishing) (Fuel pumps)

AZAREVICH, G.M., kand.tekhn.nauk; BERSHTEYN, G.Sh., inzh.

Use of plastic deformation in machining cylindrical surfaces. Trakt.
i sel'khoz mash. 32 no.1:38-42 Ja '62. (MIRA 15:2)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo
i sel'skokhozyaystvennogo mashinostroyeniya.
(Machine-shop practices)

S/193/63/000/002/006/007
A004/A101

AUTHORS: Azarevich, G. M., Candidate of Technical Sciences, Bernshteyn, G. Sh.

TITLE: Automatic machine tool for finishing and hardening shaft-type components

PERIODICAL: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 2, 1963, 44 - 46

TEXT: The new automatic has been developed by NIITraktorosel'khozmasht and is intended for finishing and hardening of shafts from 6 - 20 mm in diameter and up to 320 mm in length, such as piston rods of hydraulic and pneumatic cylinders, telescopic shock-absorber rods, oil pump shafts of tractor and automobile engines, etc., by burnishing the outer surface of these parts. By slightly modifying the design, the automatic may be used for working components of larger diameters as well, and also stepped shafts, valves, etc. The authors point out that similar designs do not exist, neither in the Soviet Union nor abroad. The tool is a multiple-roller burnishing head with fitted separator. The working procedure on the automatic consists in a plastic deformation of the surface roughness resulting from the roughing operations. In one operation, the surface finish of components made of steel with a hardness not exceeding 32 HRC is improved from class 7

Card 1/2

AZAREVICH, G.M., kand. tekhn. nauk; SILANOV, V.I., kand. tekhn. nauk

Finishing and strengthening machining of holes of unequal rigidity
by plastic deformation. Trakt. i sel'khoz mash. 33 no.4:37-40
Ap '63. (MIRA 16:10)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i
sel'skokhozyaystvennogo mashinostroyeniya.
(Metals--Finishing)

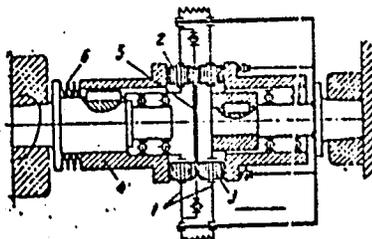
SHIRYAYEV, V.M., inzh.; ADAMOVICH, A.V., kand. tekhn. nauk;
AZAREVICH, G.M., kand. tekhn. nauk

Using the method of pulsed surface hardening for increasing
the wear resistance of piston pin bosses. Vest. mashinostr.
44, no.5:46-49 My '64. (MIRA 17:6)

AZAREVICH, G.M., kand. tekhn. nauk

Machining working surfaces by plastic deformation. Trakt. i sel'-
khoz mash. no.9:34-37 S '64. (MIRA 17:11)

ACC NR: AP7002619



1—separators; 2—drive rollers; 3—driven rollers; 4—back-up element; 5—workpiece;
6—spring

SUB CODE: 13/ SUBM DATE: 27Dec65

Card 2/2

AZAREVICH, N., mayor

Combat friendship gets stronger. Komm. Vooruzh. Sil 46 no.11:
70-01 Ja '65. (MIPA 18.6)

USSR / Cultivated Plants. Medicinal. Essential Oil-
Bearing. Toxins.

M-7

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6492

hydroxycitronellal - which is one of the main components of perfumes and eau de Cologne. Essential oil is contained in the leaves and young twigs, wherefrom it is extracted by distillation with steam. The average yield of oil relative to the fresh verdure is 0.8%. The citronellal content in the oil is 90 - 95%. Annual cultivation of lemon eucalyptus in Western Georgia guarantees a yield of green mass of 6 - 11 t per ha with a yield of essential oil of 0.8%. In case of a favorable winter with a minimal temperature - 2.5 - 3^o, the majority of plants of lemon eucalyptus hibernates well. During the second year, high trees will grow or, if the plants

Card 2/3

USSR / Cultivated Plants. Medicinal. Essential Oil-
Bearing. Toxins.

M-7

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6492

are cut in the spring, for stumps - there will be scrub. The agricultural engineering of lemongum developed in the course of several years at the Sukhumi Zonal Experimental Station, is described. -- L. N. Korolev

Card 3/3

USSR/Cultivated Plants - Medicinal. Essential Oils. Toxins.

M-7

Abs Jour : Ref Zhurn.- Biol., No 20, 1958, 91878

forms among which plants were selected which were morphologically close to the types *P. radula*, *P. capitatum* and *P. graveolens*. The result was the confirmation of the hypothesis that the cultivated pink geranium is a hybrid. In developing the citronella forms of geranium with high oil content the best results were obtained by crossing *P. roseum* and *P. radula*. As the result of the crossing of these forms, prospective hybrids No 18 and No 38 were obtained as well as the hybrids of the combination 765 (38 x 2), which produced clones 1, 4, 17 with a high yield of essential oil. Further work with the hybrids of high oil content which were obtained has to be made with a different technique than the one already employed on the pink geranium. In addition the effect of growth regulating substances (auxines) on the hybrids with high oil content was studied. It was established that the spraying of the mother plants with heteroauxine in a concentration of

Card 2/3

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Card 3/3

KUCHULORIYA, T.L.; AZAREVICH, O.I.; MILYANOVSKIY, Ye.S.

Some notes on the collection of articles "Plant introduction and
landscape gardening." Bot. zhur. 45 no.11:1704-1705 N '60.
(MIRA 13:11)

1. Sukhumskaya opytnaya stantsiya efiromaslichnykh kul'tur.
(Aromatic plants)

Ye.

Starchiness of potato tubers in Far North. E. M. Azarevich. *Biokhim. i Med. i Obozretel. Akad. Nauk S.S.S.R. Inst. Biokhim., Sbornik 3, 263-76(1955)*.—Potatoes grown at an exptl. station located at 53°50' N latitude show relatively rapid vegetative process usually complete in 3 weeks. The onset of cold weather near the end of the period does disturb the normal flow of metabolic matter into the tubers, although the carbohydrate metabolism remains at a high level during early frosts. The stems are rich in ascorbic acid in early stages and have high peroxidase activity; these decline rapidly near the end of vegetation. Starch deposition is nearly normal and good deposition occurs in time, except for the very last stages. Sugar level is high in the tubers at all stages and high level of sugars in the leaves provides protection against the onset of cold weather. Peroxidase activity in the stems rises sharply with first frosts which remove the leaves.

G. M. Kosolapoff

Sci Res. Inst. Polar agriculture, animal husbandry and Trade, Min. of agric. RSFSR

USSR / Cultivated Plants. Fruit Trees. Small
Fruit Trees.

M-7

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73157.

Author : Azarevich, Ye. M.

Inst : Scientific-Research Institute of Agriculture of the
Extreme North.

Title : Vitamin Yield of Black Currant Berries in the
Khanty-Mansiyskaya Agricultural Experimental Station.

Orig Pub: Byul nauchno-tekhn. Inform. N.-1. In-t s. Kh. Krayn.
Severa, 1957, No 3, 48-49.

Abstract: Analyses of the vitamin yield of berries of 19 varieties and hybrid seedlings of black currant raised in the Khanty-Mansiyskaya experimental station indicate that black currant berries in years with moderate temperature and great precipitation ripen more slowly but have an increased (by 1-1/2 times)

Card 1/2

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USSR / Cultivated Plants. Fruit Trees. Small
Fruit Trees.

M-7

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73157.

Abstract: content of ascorbic acid than in dry and hot years. Varieties with most vitamin yield are "Liya plodorodnaya", "Champion Primor'ya" and "Maslyanaya". -- G. M. Kagan.

Card 2/2

AZARGINOVA, F. S.
AZARGINOVA, FZ

PA 63/49T56

USSR/Medicine - Ligatures
Medicine - Surgery

Mar 49

"Use of Dried Blood Vessels of Cattle as Surgical
Ligatures in Operations," L. Ye. Khundanov, F. S.
Azarginova, Serum Dept, Irkutsk State Antiplague
Inst, Siberia and Far East, 3/4 p

"Khirurgiya" No 3

Indicates the use of dried blood vessels of cattle
as ligatures, and recommends its use in place of
catgut.

63/49T56

AZARGINOVA, F.S.; KHUNDANOV, L.Ye.; SHKURKO, Ye.D.

Obtaining agglutinative cholera serums from horses. Izv. Irk.gos.
protivochum. inst. 12:119-121 '54. (MIRA 10:12)
(CHOLERA, ASIATIC) (SERUM) (HORSES)

AZARGINOVA, F.S.

Using wheat extract to stimulate the growth of cholera vibrios.
,zv. Irk. gos. protivochum. inst. 12:122-125 '54. (MIRA 10:12)
(VIBRIO COMMA) (WHEAT)
(GROWTH PROMOTING SUBSTANCES)

AMARGINOVA, F.Z.; KHUNDANOV, L.Ye.; SHKURKO, Ye.D.

Production of cholera agglutinating sera from horses. Zhur.
mikrobiol.epid. i immun. 27 no.6:81-82 Je '56. (MLBA 9:8).

1. Iz Irkutskogo instituta Ministerstva zdavookhraneniya SSSR.
(SERUM DIAGNOSIS) (CHOLERA)

Country : USSR
Category : Microbiology. Microbes Pathogenic For Man and Animals. Vibrios.
Abs. Jour : Ref Zhur-Biol., No 23, 1953, No 103837
Author : Khundanov, L. Ye.; Azarginova, F.S.; Shkurko, Ye. D.
Institut. : --
Title : Study of the Effect of Immune Serum and of Certain Antibiotics on Experimental Cholera Infection
Orig. Pub. : Zh. mikrobiol., epidemiol. i immunobiol., 1957, No 10, 53-59
Abstract : The effect of the various preparations was studied in vivo and in vitro. In 67 out of 76 cases the immune sera possessed bactericidal properties and brought about the complete sterilization of Petri dishes with test cultures, whereas non-immune horse sera were completely devoid of these properties in 29 cases out of 38. The immune sera possessed pronounced preventive properties after intraperitoneal administration and protected 100-45% of mice against death after the intraperitoneal infection of them with 1.5 DCL of the cholera vibrios. However, the therapeutic effect of these sera was weak and was manifested in more or less distinct form only when it was injected no later than 1/2

Card:

7-49

TITOVA, V.L.; YAROMYUK, G.A.; AZARGINOVA, F.S.; VYBOROVA, A.Ye.

Obtaining cholera monovaccine resistant to lysis. Izv.Irk.gos.
nauch.-issl.prirodokhm.inst. 14:79-81 '57. (MIRA 13:7)
(CHOLERA, ASIATIC) (VACCINES)

MEUNDANOV, L.Ye.; BEZHUKOVA, M.I.; AZARGINOVA, F.S.

Study of the combined effect of streptomycin and immune serum
on experimental cholera infection. Izv. Ikr. gos. nauch. issl.
protivochem. inst. 14:225-231 '57. (MIRA 13:7)
(CHOLERA, ASIATIC) (STREPTOMYCIN) (SERUM)

Country : USSR
Category : Microbiology. Microbes Pathogenic For Man and Animals.
Vibrios.
Abs. Jour : Ref Zhur-Biol., No 23, 1958, No 103859
Author : Titova, V.L.; Yaromyuk G.A.; Azargipova, E.S.; Vybora A.Ye.
Institut. : Irkutsk Scientific Research Plague Institute
Title : The Problem of Obtaining a Cholera Monovaccine Resistant
to Lysis
Orig Pub. : Izv. Irkutskogo n.-i. protivochumn. in-ta Sibiri i
Dal'n. Vost., 1957, 14, 79-81
Abstract : No abstract.

Card: 1/1

F-50

~~AFIARGINOVA, F.S.~~; RODD, V.A.

Producing dry vaccine against cholera. Izv. Irk. gos. nauch.-issl.
protivoohum. inst. 21:131-134 '59. (MIRA 14:1)
(CHOLERA) (VACCINES)

DOMARADSKIY, I.V.; MAKAROVA, I.K.; AZARGINOVA, F.S.; SHCHEKUNOVA, Z.I.;
SHERSHNEV, P.A.

Immunological effectiveness of a lysed cholera vaccine. Dokl.
Irk. gos. nauch.-issl. protivochum. inst. no.5:61-66 '63
(MIRA 18#1)

BEKKER, Aleksandr Aleksandrovich, brigadir, Geroy Sotsialisticheskogo truda; AZARIN, Georgiy Mikhaylovich, inzh.; LAPIDUS, M.A., nauchnyy red.; SHALYT, N.A., red.; NESMYSLOVA, L.M., tekhn. red.

[Work organization in a mixed brigade] Organizatsiia raboty kompleksnoi brigady. Moskva, Proftekhizdat, 1962. 56 p.
(MIRA 16:1)

1. Kompleksnaya mekhanizirovannaya brigada altayskogo ~~kh.~~ khoza "Strana Sovetov", Rubtsovskaya oblast' (for Bekker).
(Rubtsovsk District--Farm mechanization)

AZARIN, M. (REVIEWER)

Windbreaks, Shelterbelts, Etc.

Green defense ("Shelterbelts are the true method of combatting drought and crop failure.")
Kryazev, V.P. Reviewed by Azarin, M. Novyi mir 23, no. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, NOVEMBER 1952 1953. Unclassified.

AZARIN, V.S. (Khar'kov)

On the indicator of a function, subharmonic in a
multidimensional space. Mat. sbor. 58 no.1:87-94
S '62. (MIRA 15:9)
(Harmonic functions) (Spaces, Generalized)

AZARIN, V.S. (Khar'kov)

Extension of a theorem of Hayman to subharmonic functions in
an m -dimensional cone. Mat. sbor. 66 no.2:248-264 F '65.

(MIRA 18:4)

AZARIN, V.S.

Subharmonic functions of completely regular growth in
n-dimensional space. Dokl. AN SSSR 146 no.4:743-746
0 '62. (MIRA 15:11)

1. Predstavleno akademikom S.N. Bernshteynom.
(Harmonic functions)

AZARINA, M.E. (Poltava)

"Experimental Eradication Method of trichomoniasis on Sugar Combines"

Report given at 13th Inter-VUZ (Higher Educational Insts.) Scientific-Industrial Conference, held February, 1956, at Kiev Vet Inst.

BOYARSKIY, Vasilii Sil'vestrovich; AZARINA, N.I., red.; LEUSHCHENKO,
N.L., tekhn. red.; YEREMINA, I.A., tekhn. red.

[Dimensions of round lumber] Ob'emy kruglykh lesomaterialov.
Izd.5., dop. Kiev, Gosstroizdat USSR, 1963. 482 p.
(MIRA 17:2)

BURLAKOVA, L.M.; KOTEL'NIKOV, V.I.; STRUGALEVA, Ye.V.; AZARINA, V.A.

Distribution of erosion in the Altai Territory. Izv. Alt. otd.
Geog. ob-va SSSR no.5:89-90 '65. (MIRA 18:12)

1. Altayskiy sel'skokhozyaystvennyy institut.

-ААААА, Д. Н.

RUS.SIA (1927- U.S.S.R.) Ministerstvo Pumping machinery; catalog-reference book
Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1950. 207 p. (50-31232)

TJ902.RB 1950

AZARKH, D.N., inzh.; POPOVA, N.V.; MONAKHOVA, L.P.; SITNOVA, A.N.;
STUPIN, A.K., red.; TIKHANOV, A.Ya., tekhn.red.; UVAROVA,
A.F., tekhn.red.

[Pumps; catalog-reference book] Nasosy; katalog-spravochnik.
Izd.3. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry,
1959. 551 p. (NIRA 13:2)

1. Moscow. Nauchno-issledovatel'skiy institut gidromashino-
stroyeniya. (Pumping machinery)

AZARKH, D.N., inzh.; GOYKHMEN, L.P.; KASPERCVICH, N.S., inzh.,
red.; TIKHANOV, A.Ya., tekhn. red.

[MS sectional pumps; catalog-handbook] Sektsionnye nasosy
tipa MS; katalog-spravochnik. Moskva, Mashgiz, 1963. 19 p.
(MIRA 17:4)
1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut
gidromashinostroyeniya.

~~AZAEKH, D.M.~~, inzh.; GOYKHMEN, L.P.; KASPEROVICH, N.S., inzh.,
red.; TIKHANOV, A.Ya., tekhn. red.

[K and KM-type cantilever pumps; catalog-handbook]
Konstol'nye nasosy tipa K i KM; katalog-spravochnik. Mo-
skva, Mashgiz, 1963. 30 p. (MIRA 17:1)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut
gidromashinostroyeniya.

AZARKH, D.N., inzh.; GOYKIMAN, I.P.; KASPEROVICH, N.S., inzh.,
red.; TIKHANOV, A.Ya., tekhn. red.

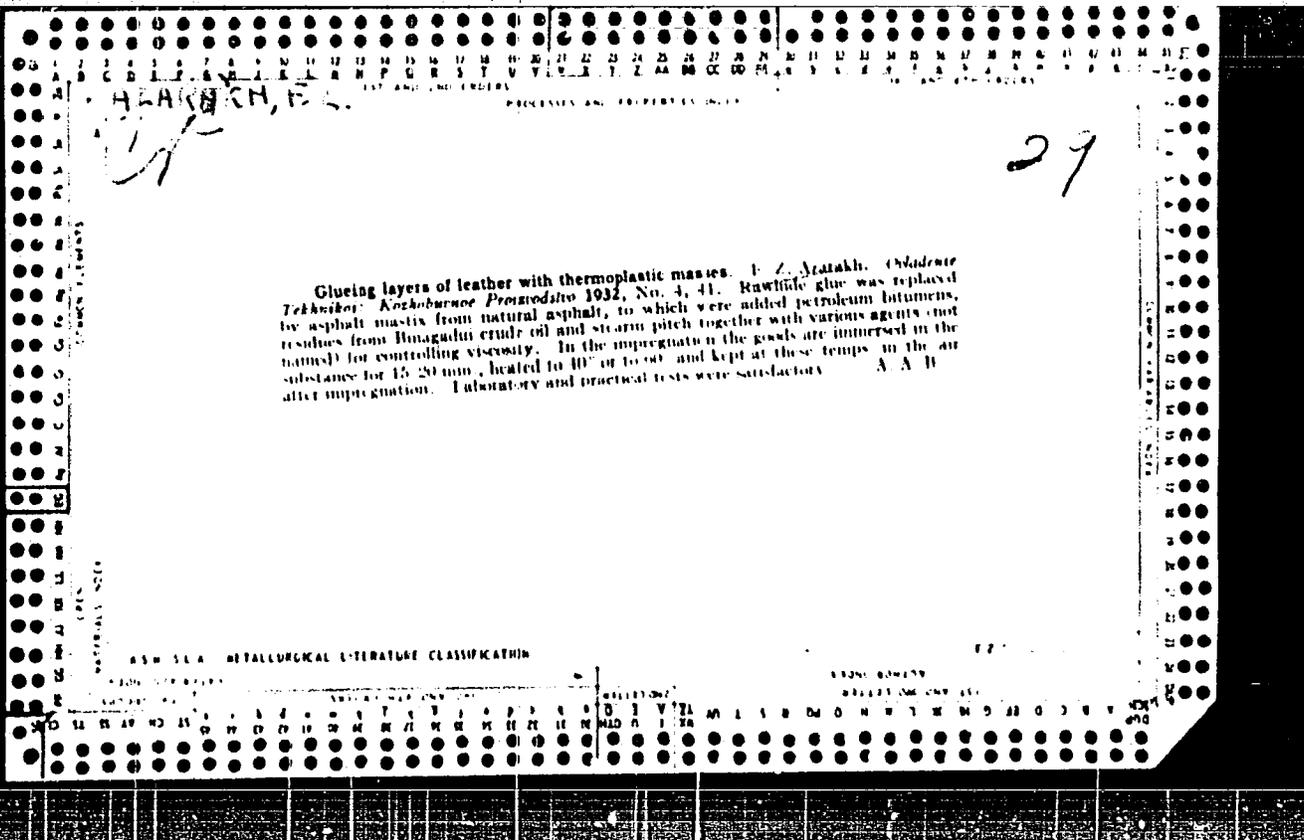
[Submersible and artesian pumps; catalog and handbook] Pog-
ruzhnye i artezijskie nasosy; katalog-spravochnik. Moskva,
Izd-vo "Mashinostroeni", 1964. 45 p. (MIRA 17:3)

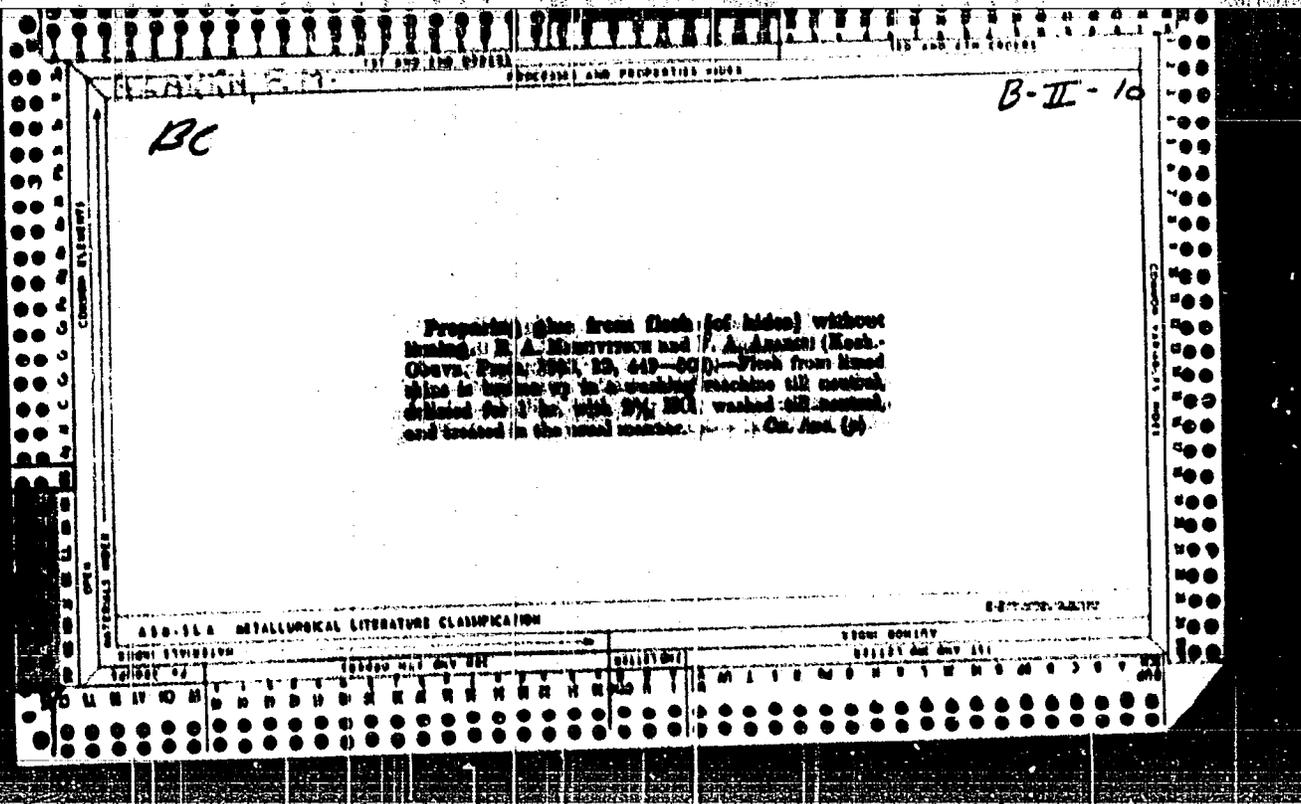
1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut gid-
romashinostroyeniya.

AZARKH, D.N., inzh.; SITNOVA, A.N.

[Piston-drive pumps; catalog-handbook] Porshnevye privodnye nasosy; katalog-spravochnik. Moskva, Mashinostroenie, 1965. 63 p. (MIRA 18:4)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy konstruktorskiy i tekhnologicheskii institut gidromashinostroyeniya.





CA
AZARKH, E. I.

135

Utilizing leather waste A. P. Dtsarenko, P. K. Azarkh,
L. D. Minskii and A. I. Shapovalova. Russ. Zh. Khim.,
31, 1947. Leather waste is plasticized with rubber and
rubber solvents in a heated mixer.

SEARCH, ETC. 24

PROCESSES AND PROPERTIES INDEX

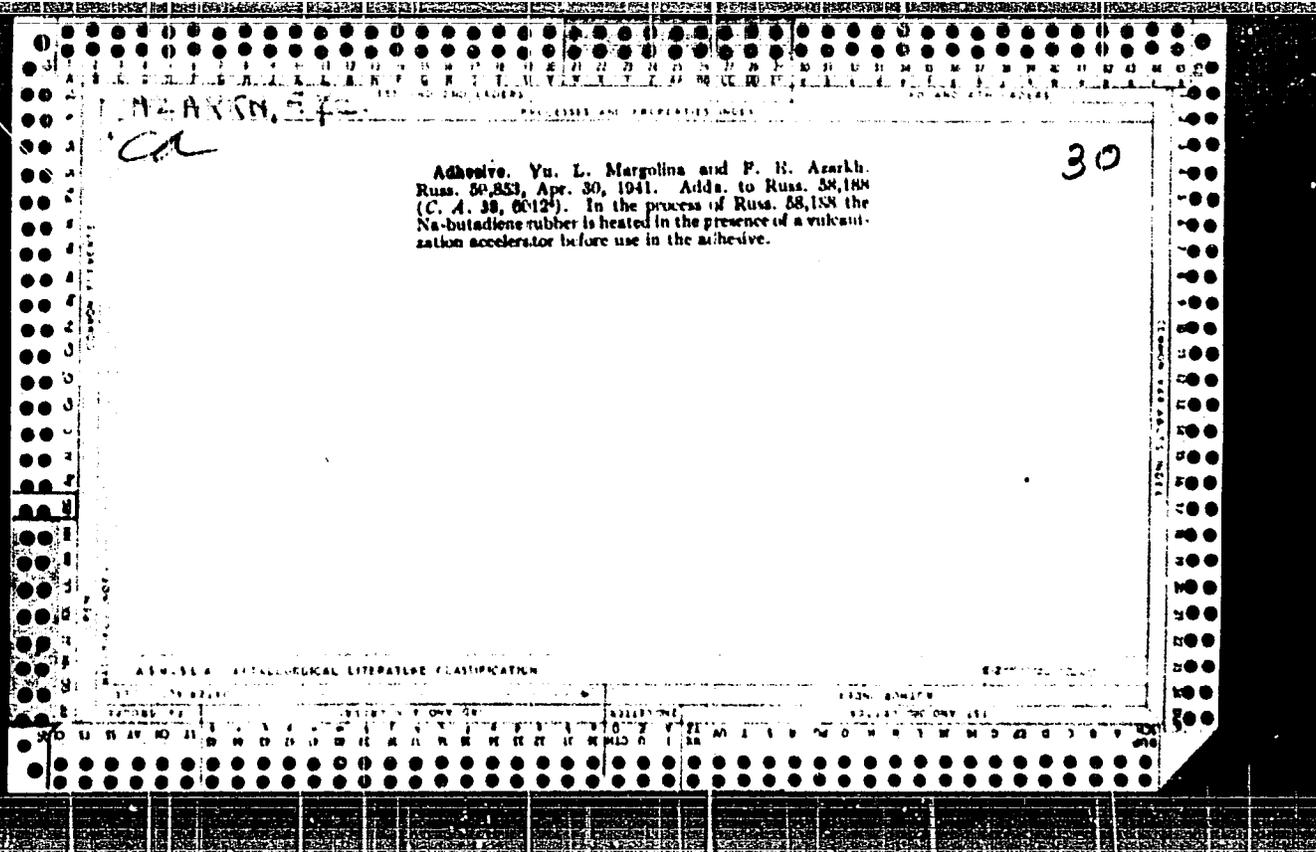
Painting black rubber soles. A. P. Pisarenko and F. E. Azarkh. *Koshevno-Obratnye Prots.* 18, No. 6, 43 (1930).—Satisfactory results were obtained with 30% gutta-percha solus. Gutta-percha (100 parts) is mixed with fillers (200-300 parts) such as lithopone, MgO or kaolin, pigments, Neozone D (1 part), and the desired coloring agent. A. A. Bochtlinak

COMMON ELEMENTS

MATERIALS INDEX

ASH-STA METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



AZARKH, F.YE.

318. Rubber suitable for bonding with polar adhesives. H. A. Bussanri and P. E. Azarkh. *Trudy Tekhn. Nuch. Inst. Kazhen. Pros.*, 1953, 10, 26-35; *Chem. Ab.*, 1957, 51, 13149. The use of polar compounding ingredients is recommended in the rubber which should be under-vulcanised, the surface being treated with sulphuric acid. A nitile rubber can be bonded to a glass paper by nitrocellulose or polyvinyl chloride. 021

5
3
1-452 (4)
2 May

9-8

AZARKH, I. S.

"Nonlinear Distortions in the Presence of a Complex Exciting Signal." In
Communications USSR, Leningrad Electrical Engineering Inst of Communications imeni
M.A. Bonch-Bruyevich, Leningrad, 1955
(Dissertation for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopia', No. 32, 6 Aug 55

L 31987-6; EWT(d)/SEC-4 Pnc-4

ACCESSION NR: AP5003596

S/1106/4/000/011/0033/0041

AUTHOR: Chernyak, N. A.; Anarkh, I. S.

18
B

TITLE: New equipment for the transmission of broadcasts along joint telephone channels

SOURCE: 'Elektrosvyaz', no. 11, 1964, 33-41

TOPIC TAGS: radio broadcasting, multichannel telephone system

ABSTRACT: The article describes the construction, equipment composition, block diagrams, and electrical characteristics of a unified device of the AV 2/3 type earmarked for the transmission of broadcasts by frequency bands through three telephone channels of high multi-channel systems or two telephone channels of low multi-channel systems based on the fundamental primary group (40-180 Kc). The so-called triple channel broadcasts satisfy the first class quality standards and the effective transmitted frequency band covers the 50-10,000 cycle range, while the above mentioned double channel covers the 50-6,400 cps range. The resulting system is very versatile and permits (among other things) the tapping and introduction of programs at transient and amplification points. Orig. art. has 2 figures and 3 graphs.

ASSOCIATION: none

Card 1/2

L 31987-65

ACCESSION NR: AP5001596

SUBMITTED: 03Jun64

NO REF SOV: 000

ENCL: 00

OTHER: 000

SUB CODE: 00

JPRS

Card 2/2

AYZINOV, Mark Moiseyevich; AZARKH, I.S., red.

[Analysis and synthesis of linear radio circuits in transient operation] Analiz i sintez lineinykh radio-
tekhnicheskikh tsepei v perekhodnom rezhime. Moskva,
Izd-vo "Energia," 1964. 281 p. (MIRA 17:5)

AZANKH, I.S.; MOR.V, V.L.

Results of noise measurements in a 2,500 km. high-frequency
broadcasting channel. Sbor. truz. NIITS no.11:163-164 '63.

(HINA 17:9)

GROSMAN, M., polkovnik zapasa; AZARKH, L., mayor zapasa

Strong point of the infantry platoon; from West German military periodicals. Voen. vest. 40 no. 3:122-124 Mr '61.

(MIRA 14:2)

(Germany, West--Army--Infantry)

AZARKH, L.; GROSMAN, M.

Training of personnel for the technical troops of the Bundeswehr
(as revealed by foreign press data). Tyl i snab. Sov. Voor. S11
21 no.11:93-94 N 161. (MIRA 15:1)
(Germany, West--Army)

AZARKH, M., inzh.

One can fly farther in a glider! Kryl.rod. 11 no.2:20-22 F '60.
(Gliding and soaring) (MIRA 13:6)

8(3)

SOV/25-59-4-29/44

AUTHORS: Azarkh, M., Sidorov, V., Engineers

TITLE: "Elektronit" (Elektronit)

PERIODICAL: Nauka i zhizn', 1959, Nr 4, p 67 (USSR)

ABSTRACT: Recently a new material "elektronit" for electric insulation was developed by Engineer F. Gorshkov of the "Dinamo" Plant in cooperation with N. Dodonov, Engineer of the Tsentral'naya nauchno-issledovatel'skaya laboratoriya asbesta (Central Scientific Research Laboratory of Asbestos). The basic materials used for elektronit are asbestos fibres and synthetic rubber. In comparison with the generally applied micaceous material, elektronit possesses many advantages. It has a very high electric strength and can be used in devices operating under 600 volt and, as has been recently proved in tests, even up to 3,000 volt. There are 3 photos.

Card 1/1

15(8)

SOV/25-59-7-27/53

AUTHORS: Azarkh, M., and Sidorov, V., Engineers

TITLE: Asbodin

PERIODICAL: Nauka i zhizn', 1959, Nr 7, pp 66-67 (USSR)

ABSTRACT: The article describes a new insulation plastic - asbodin (compound word derived from "Asbest" and "Dinamo") - developed by the Gorshkov brothers, Fedor Nikolayevich and Dmitriy, of the Moscow "Dinamo" Plant Imeni S.M. Kirov, and Engineer N. Dodonov of the Vsesoyuznyy nauchno-issledovatel'skiy institut asbestovykh tekhnicheskikh izdeliy (All-Union Research Institute of Asbestos Goods for Technical Purposes). Asbodin can be used in the electrotechnical industry (Figures 1 and 2), in building construction, and in the household. It is made of asbestos fiber, synthetic rubber, iron minium, and other materials. Put first into press molds, asbodin is then pressed to shape at a rather moderate temperature, with

Card 1/2

SOV/25-59-7-27/53

Asbodin

consecutive calcining in an electric kiln. The new plastic is economical insofar as it can replace such expensive materials as glass textolite, various fibers, and silicon-organic plastics. In 1958 alone, the new plastic brought about a saving of as much as 500,000 rubles at the above plant. There are 2 photographs.

ASSOCIATION: Moskovskiy zavod "Dinamo" imeni S.M. Kirova (Moscow "Dinamo" Plant Ineni S.M.Kirov)

Card 2/2

AZARKH, M., inzh.; SIDOROV, V., inzh.

Safety control panel. Nauka i zhizn' 27 no.7:67 J1 '60.
(MIRA 13:7)

1. Moskovskiy zavod "Dinamo."
(Cranes, derricks, etc.) (Automatic control)

AZARKH, M.; ZVEREV, N.

Many countries know the "DK" trade-mark. Vnesh. torg. 42
no.3:37-39 '62. (MIRA 15:3)

(Electric industries)

AZARKH, M.; ZVEREV, N.

"Dinamo" production for foreign markets. Vnesh.torg. 43 no.3:
30-31 '63. (MIRA 16:4)
(Moscow—Electric equipment industry)

AZARH, M.L.

Use of oxygen-enriched blow for 300 mm. cross-section cupolas.
Lit. proizv. no.3:27 Mr '58. (MIRA 11:4)
(Oxygen--Industrial applications)
(Cupola furnaces)

AZARKH, M. R.

"Handbook of state revenues." Reviewed by I. Bronshteyn. Sov.fin. 13 no. 6, '52.

SO: MLRA. September 1952.

GINDIN, Aton Mendelevich; AZARKH, M., otv. red.; BOROZDIN, B., red.
izd-va; POGODIN, Yu., red. izd-va; TELEGINA, T., tekhn. red.

[How the Bolsheviks nationalised private banks; facts and documents on the post-October days in Petrograd] Kak bol'sheviki natsionalizirovali chastnye banki; fakty i dokumenty posle-oktiabr'skikh dnei v Petrograde. Predisl. I.I. Mintsa. Moskva, Gosfimizdat, 1962. 141 p. (MIRA 16:2)

(Leningrad--Banks and banking)
(Leningrad--Revolution, 1917-1921)

LYUBIMOV, N.N., prof.; ALLAKHVERDIAN, D.A., dotsent; STAM, V.M., dotsent;
GOL'DENBERG, A.M., dotsent; VINOKUR, R.D., dotsent; AZARKH, M.R.,
dotsent; SHER, I.D., prof.; RIVKIN, B.B., dotsent; ABROSKIN, A.A.,
dotsent; DYMSHITS, I.A., dotsent [deceased]; KON'SHIN, F.V., prof.;
IPATOV, P.F., dotsent; NIKOL'SKIY, P.S., kand.ekon.nauk; ROSHCHINA, L.,
red.; TELEGINA, T., tekhn.red.

[Finance in the U.S.S.R.; a collection] Finansy SSSR. Avtorskii
kollektiv pod rukovodstvom D.A.Allakhverdiana i N.N.Liubimova.
Moskva, Gosfinizdat, 1958. 391 p. (MIRA 12:4)

1. Moskovskiy finansovyy institut (for all except Roshchina, Telegina).
(Finance)

ALLAKHVERDYAN, D.A., prof.; IPATOV, P.F., dots.; STAM, V.M., dots.;
ABROSKIN, A.A., dots.; VINGKUR, R.D., dots.; AZARKH, M.R.,
dots.; SHER, I.D., prof.; KON'SHIN, F.V., prof.; NIKOL'SKIY,
P.S., dots.; KONDRAT'YEV, A., red.; FILIPPOVA, E., red.;
LEBEDEV, A., tekhn. red.

[Finances of the U.S.S.R.] Finansy SSSR. Moskva, Gosfinizdat,
1962. 412 p. (MIRA 16:1)

1. Moskovskiy finansovyy institut (for all except Kondrat'yev,
Filippova, Lebedev).

(Finance)

AZARKH, M.R., dots.; VINOKUR, R.D., dots.; GUSAKOVA, V.A., assist.;
RODIONOVA, V.M., st. prepod.; BUGROVA, I., red.izd-va;
LEBEDEV, A., tekhn. red.

[Collection of problems on the state budget] Sbornik zadach
po gosudarstvennomu biudzhetu. Moskva, Gosfinizdat, 1963.
190 p. (MIRA 16:12)

1. Prepodavateli Moskovskogo finansovogo instituta (for
all except Bugrova, Lebedev). (Budget)

KUNDZICH, Mikhail Mikhaylovich; ORLOVA, V.P., red.; AZARKH, N.Ya.,
spets. red.; GUREVICH, M.M., ~~tekh.~~ red.; TRUKHINA, O.N., ~~tekh.~~ red.

[Equipment for rural water supply] Oborudovanie dlia sel'-
skokhoziaistvennogo vodosnabzheniia. Moskva, Sel'khozizdat,
1963. 127 p. (MIRA 16:9)
(Water supply engineering)

HEAR CM, K. H.

Ca

Stereochemical selectivity of transamination in normal tissues and malignant tumors. XIII. The breakdown and formation of amino acids by intermolecular transfer of amino groups A. R. Braunschtein and H. H. Anshin. *Doklady* 3, No. 1, 1-10 (in English, 11) (1940); cf. C. A. 34, 1079, 33, 4789. The expts. were carried out partly with tissues ground in Latapie app. and suspended in Ringer phosphate at pH 7.0 and partly with purified preps. of glutamic aminopherase according to Kritian. Quant. measurements of transamination were made by detg. amino N according to Van Slyke in the fraction of dicarboxylic acids pptd. by Ba(OH)₂ or CaO and alc. (in the presence of large amts. of amino monocarboxylic acids a considerably smaller amt. of "monocarboxylic" N is pptd. with the "dicarboxylic" ppt. obtained with CaO). Measurements of optical rotation were made in 1-dm. microprismatization tubes according to R. Fisher (capacity 0.2 ml.) in the light of a Pyram Na lamp. The cell-free preps. of glutamic aminopherase from muscle tissue exhibit abs. configurational specificity with regard to NH₂ donors: they transaminate only L-amino acids and do not act upon D-amino acids. In native muscle pulp slight transamination effects have been observed with D-amino acids along with the rapid conversion of the L-amino acids. The av. ratio of the transamination values (L:D) amounts to 7:3. The amino acids formed anew by transamination belong to the L-series. In malignant tissue the rate of transamination is much lower than in normal muscle, liver or kidney. In many tumors transamination is entirely

absent. While the velocity of conversion of the L-amino acids is markedly reduced, D-amino acids seem to be transaminated by tumor tissue at the same low rate as in muscle, or to a somewhat larger extent. An av. ratio of transamination values (L:D) amounting to 1:10 has been computed from the tumor expts. The relative shift of stereochem. specificity of the tumor aminopherase is in keeping with Kogl and Kiseleben's findings (C. A. 33, (1940)) on the partial racemization of tumor proteins, but does not provide an adequate explanation of this phenomenon. Nineteen references.

W. R. Henn

550.33 A DETALOGICAL LITERATURE CLASSIFICATION

Lab. For Metabolic Research, Dept. of Physiological

Chemistry, Wagon

ALHARSH, Y. I.
CA

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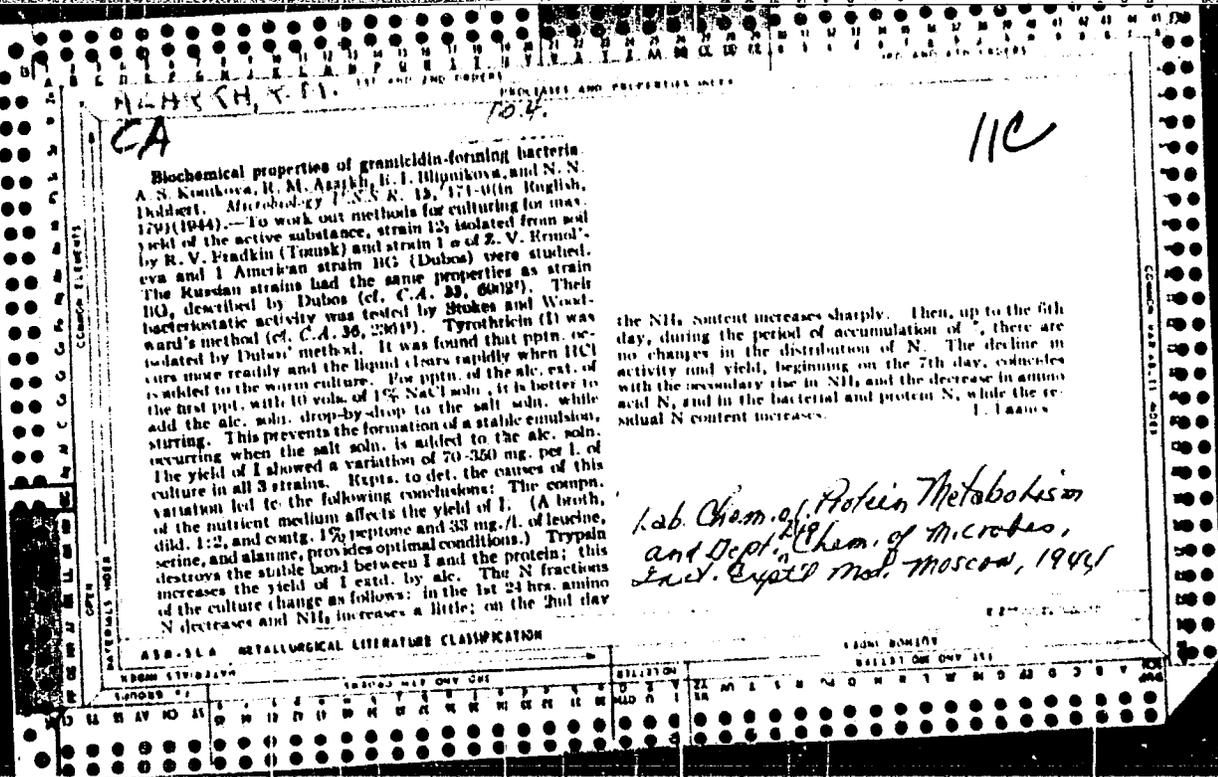
11C

Biochemical properties of granitidin-forming bacteria
 A. S. Koukova, R. M. Azarkh, E. I. Il'yukova, and N. N. Daldorf. *Microbiology U.S.S.R.* 15, 171-0 (in English, 179) (1944).—To work out methods for culturing for max. yield of the active substance, strain 12, isolated from soil by R. V. Frankin (Tomsk) and strain 10 of Z. V. Krivol'eva and 1 American strain 10C (Dubos) were studied. The Russian strains had the same properties as strain 10C, described by Dubos (cf. *C.A.* 33, 60029). Their bacteriostatic activity was tested by Dubos and Woodward's method (cf. *C.A.* 36, 23019). Tyrothricin (I) was isolated by Dubos' method. It was found that pptn. occurs more readily and the liquid clears rapidly when HCl is added to the worm culture. For pptn. of the alc. ext. of the first ppt. with 10 vols. of 1% NaCl soln., it is better to add the alc. soln. drop-by-drop to the salt soln. while stirring. This prevents the formation of a stable emulsion, occurring when the salt soln. is added to the alc. soln. The yield of I showed a variation of 70-350 mg. per l. of culture in all 3 strains. Repts. to det. the causes of this variation led to the following conclusions: The compn. of the nutrient medium affects the yield of I. (A broth, dild. 1:2, and contg. 1% peptone and 33 mg./l. of leucine, serine, and alanine, provides optimal conditions.) Trypsin destroys the stable bond between I and the protein; this increases the yield of I extd. by alc. The N fractions increases the yield of I extd. in the 1st 24 hrs. amino N decreases and NH₄ increases a little; on the 2nd day

the NH₄ content increases sharply. Then, up to the 6th day, during the period of accumulation of I, there are no changes in the distribution of N. The decline in activity and yield, beginning on the 7th day, coincides with the secondary rise in NH₄ and the decrease in amino acid N, and in the bacterial and protein N, while the residual N content increases. I. I. Lagan

*Lab. Chem. of Protein Metabolism
 and Dept. of Chem. of Microbes,
 Inst. Exptl. Med. Moscow, 1944*

ASB-35A METALLURGICAL LITERATURE CLASSIFICATION



PROCESSES AND PROPERTIES INDEX

11C

EX
AMINO ACIDS

Oxidation of amino acids in suspensions of *Bacillus brevis*. A. S. Konikova, P. M. Ajarkh, and N. N. Dohbert. *Biofizika* 10, 82-8(1945) — Oxidative deamination by *B. brevis* is most readily obtained with the following amino acids: *l*- and *d*-glutamic acid, *l*- and *d*-aspartic acid, *l*- and *d*-alanine, *dl*-serine, and *l*-arginine. The following amino acids are not attacked: *d*-valine, *l*- and *dl*-leucine, *l*- and *d*-isoleucine, *l*-tryptophan, *l*-tyrosine, *dl*-phenylalanine, and *dl*-3,4-dihydroxyphenylalanine. *d*- and *l*-Alanine are metabolized with equal ease. *d*-Glutamic and *d*-aspartic acids are not as readily metabolized as the *l*-isomers. No correlation exists between the intensity of oxidative deamination and their saccharic dehydrogenation.

H. Priestley

Lab. of Chem. of Protein Metabolism, Chem. Sector, Voen. Moseow

ASB-ELA METALLURGICAL LITERATURE CLASSIFICATION

AZARKH, R. N. and KONIKOVA, A. S. and URAZOVA, A. P.

"Bacteriostatic Substances of Animal Origin," Dokl. AN SSSR, 47, pp. 586-8,
1945.

CA H-410-511, 1-11

117

Participation of vitamin B₆ in enzymic formation of hydrogen sulfide from L-cysteine. A. E. Braunschtein and R. M. Azarku. *Doklady. Nauk S.S.S.R.* 71, 940 (1950). - Adm. evidence was obtained concerning the possibility of direct participation of vitamin B₆, probably as phosphopyridoxal, in desulfurization of cysteine. Cysteine-desulfhydrase level in liver exts. of rats drops rapidly within 4-7 days almost to 0 level if B₆ is eliminated from a high-protein diet and takes place well before other signs of B₆-avitaminosis occur; the effect is reversed on admn. of B₆ to the diet (100 γ daily gives restoration to normal within 1-2 days). Expts. *in vitro* with attempted restoration of this function with liver tissue as such have not given conclusive results as yet. G. M. Kozlapoff

CA SEARCH, A-11

Biological Chemistry A
General - 11

**Cysteine desulhydrase of bacterial and animal tissues—
 proteins of phosphopyridoxal.** R. M. Amikh and V. N. Gladkova (1st Moscow Med. Inst.). *Doklady Akad. Nauk S.S.S.R.* 85, 173-6 (1952).—The enzyme which cleaves H₂S from L-cysteine is present in normal cells of *Streptococcus faecalis* that are fully supplied with vitamin B₆; if the vitamin is lacking, the enzymic activity disappears. However, they contain the apoenzyme, which can be extd. after dehydration of the bacteria by vacuum or by H₂CO. In all these preps. the enzymic activity is restored upon addn. of phosphopyridoxal (P), even at 0.1-0.2 γ per 4 ml. level; max. activity is reached at 1 γ per 4 ml. In exts. from the cells dried *in vacuo* the phosphorylation enzymic system is preserved and such systems are activated by even a brief incubation with P at 0.05-1 γ level, in the presence of

excess adenosine triphosphate (ATP). Expts. with *S. faecalis*-derived desulhydrase indicate that this enzyme belongs to the category of proteins of P. Specimens freed of the coenzyme by autolysis of the acetone-dried bacteria in phosphate buffer at pH 7.5, centrifuged and kept 14 days at 1-3° and dialyzed are activated by phosphopyridoxal; those incompletely free of the coenzyme are also activated by pyridoxal with ATP. Addn. of folic acid does not increase activity of the enzyme. Inactivated exts. from rat liver are similarly activated by phosphopyridoxal; folic acid has no such activating influence. G. M. Kosolapoff

CA 4-1984, 11-11.

Biological Chemistry
General - 11

Phosphopyridoxal in anaerobic deamination of homoserine and serine. A. R. Henushteln and R. M. Azzah. *Doklady Akad. Nauk S.S.S.R.* 85, 863 (1982). The role of phosphopyridoxal is that of the prosthetic group of homoserine deaminase (D). In normal rat liver the D is quite stable and active (in contrast to serine deaminase). In *H.* avitaminosis the activity in liver exts. drops to very low values and admin. of phosphopyridoxal *in vivo* causes but little restoration of activity, but it does cause complete restoration of activity of solns of apoenzyme obtained by dialysis of exts. from livers of normal rats. The mechanism of deamination of homoserine can be represented by admin. of the CHO group of the deaminase to NH₂ of the amino acid with formation of a Schiff base, elimination of H₂O forming CH₂:CH(CO)H:N- link to the enzyme residue, rearrangement to MeCH₂:C(CO)H:N:CH₂ structure, hydration leading to cleavage of MeCH₂:C(CO)H:NH₂ and hydration to NH₂ and PyCOCOH. In *Streptococcus faecalis* the activity of D is low; that of serine deaminase is rather high, but this disappears in deficiencies of vitamin B₆ and is not restored by phosphopyridoxal. G. M. K.

Azarkh, R. M.

(1) The inhibitory effects of hydroxylamine and of α -methyl-DL-glutamic acid on the reaction rate of enzymic transamination. A. E. Braunshel's, R. M. Azarkh, and Z. G. Mogilevskaya (Inst. Biol. and Med. Chem., Acad. Med. Sci. U.S.S.R., Moscow). *Ukrain. Biochim. Zhur.* 27, 259-60 (1954) (in Russian).--The methods used in the prepn. of the reagents and the chromatographic procedures employed are described. Hydroxylamine (10^{-4} to $2 \times 10^{-3}M$) at a ratio of NH_2OH :substrate of 1 to 10 reduces the glutamic-pyruvic transaminase (I) reaction 30-55%. α -Methyl-DL-glutamic acid in concns. of the order of 0.1M depresses I 13-67%. The inhibitive effect of α -methyl-DL-aspartic acid and α -methylalanine on I is negligible. B. S. Levine

(2)

11.11.1957
BRAUNSHTEYN, A.Ye.; AZARKH, R.M.

Effect of the depression of transamination on amine acid synthesis in microscopic sections and homogenous extracts of the liver [with summary in English]. Biokhimiia 22 no.1/2:430-438 Ja-F '57.

(MLRA 10:7)

1. Laboratoriya obmena azotistykh soyedineniy Instituta biologicheskoy i meditsinskoy khimii Akademii meditsinskikh nauk SSSR. Moskva.

(AMINO ACIDS, metabolism,

liver, eff. of depression of transamination on synthesis in slices & homogenates (Rus))

(LIVER, metabolism,

amino acids synthesis, eff. of depression of transamination in slices & homogenates (Rus))

AZARKH, R.M.; BRAUNSHTEYN, A.Ye.; PASKHINA, T.S.; SYUY TIN-SEN'

Effect of optical isomers of cycloserine on the activity of certain aminopherases. Biokhimiia 25 no.5:954-963 S-0 '60. (MIRA 14:1)

1. Laboratory of Nitrogenous Metabolism, Institute of Biological and Medical Chemistry, Academy of Medical Sciences of the U.S.S.R., Moscow.

(TRANSAMINASES)

(ISOKAZOLIDIONE)

(ISOMERS)

BRAUNSHTEYN, A.Ye.; AZARKH, R.M.; SYUY TIN-SEN' [Hsü T'ing-sên]

Kinetics of cycloserine inhibition of enzymatic transamination reactions. Biokhimiia 26 no.5:882-896 S-0 '61. (MIRA 14:12)

1. Laboratory of Nitrogenoys Metabolism, Institute of Biological and Medical Chemistry, of the U.S.S.R. Academy of Medical Sciences, Moscow.

(CYCLOSERINE)

(AMINO GROUP)

AZARKH, R.M.

Tissue respiration and amination of keto acids in liver tissues enriched in vivo with codehydrogenases. Biokhimiia 27 no.1:149-153 Ja-F '62. (MIRA 15:5)

1. Laboratory of Amino Acid and Amino Metabolism, Institute of Biological and Medical Chemistry, Academy of Medical Sciences of the U.S.S.R., Moscow.

(LIVER) (CODEHYDROGENASES) (ACIDS)

AZARKH, R.M.; PASKHINA, T.S.

Effect of cycloserine on the activity of L-alanine dehydrogenase and asparaginase. Dokl. AN SSSR 146 no.3:704-706 S '62. (MIRA 15:10)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR.
Predstavleno akademikom A.I. Oparinym.
(ISOKANOLIDINONE) (ALANINE DEHYDROGENASE) (ASPARAGINASE)

AZARKH, Solomon Khatskelevich; FRID, Yevgeniy Abramovich;
SENCHENKOV, A.F., red.; BORUNOV, N.I., tekhn. red.

[Microminiaturization of radio-electronic equipment]
Mikrominiatizatsiia radioelektronnoi apparatury. Mo-
skva, Gosenergoizdat, 1963. 78 p. (MIRA 17:3)

AZARKH, Solomon Khatskelevich; KARFIKHIN, V.V., red.

[... ndensers] Kondensatory peremennoi emko:ti]
Moskva, Energiia, 1965. 326 p. (MIRA 18:2)

ACC NR: AP7009085

SOURCE CODE: UR/0413/67/000/003/0059/0059

INVENTOR: Frid, Ye. A.; Azarkh, S. Kh.; Belitskiy, I. M.; Gribovskiy, P. O.;
Davidyan, I. G.; Terent'yeva, T. T.

ORG: None

TITLE: A multiple-element piezoelectric ladder-network band filter. Class 21,
No. 191008

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1967, 59

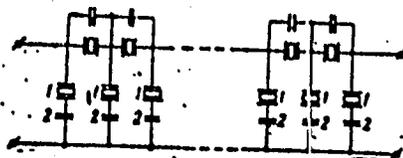
TOPIC TAGS: filter circuit, resonator, fixed capacitor, thermal stability, dielectric
material

ABSTRACT: This Author's Certificate introduces a multiple-element piezoelectric
ladder-network band filter consisting of a set of L-elements with series branches made
up of resonators shunted by fixed capacitors. The temperature stability of the filter
parameters is improved by using resonators with a positive frequency temperature coef-
ficient connected in series with fixed capacitors in the parallel branches of the ele-
ments. The resonators may be made from barium titanate, calcium and lead with an ad-
ditive of beryllium oxide. The fixed capacitors are temperature-dependent with a posi-
tive capacitance temperature coefficient, e. g. capacitors with a dielectric containing
barium titanate, zirconium dioxide, barium carbonate and bismuth oxide.

Card 1/2

UDC: 621.372.543.2;621.372.412

ACC NR: AP7009085



1--resonators; 2--capacitors

SUB CODE: 09/ SUM DATE: 11Sep65

Card 2/2

SVETLICHENYY, P.L.; AZARKH, V.L.

New method of checking the state of operating rotor cages in asyn-
chronous motors. Prom. energ. 15 no.10:30-33 0 '60. (MIRA 13:11)
(Electric motors, Induction)

1. AZARKH, Z.
2. USSR (600)
4. Refrigeration and Refrigerating Machinery
7. Our experience in using batteries with direct ammonia evaporation, Mas. ind. 24, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

AZARKH, Z.

Increased production capacity of shops. Mias.ind.,SSSR 32 no.2;
19-21 '61. (MIRA 14:7)

1. Yaroslavskiy myasokombinat.
(Yaroslavl--Meat industry--Equipment and supplies)

AZARKH, Z.; MOROZOVA, M.

Whale meat sausages. Mias.ind. SSSR 34 no.3:44-45 '63. (MIRA 16:7)

1. Yaroslavskiy myasokombinat.

CA
 ANALYSIS, 2-1.

Determination of the moment of penetration of vapors through a sorbent. E. V. Aleksevskii and Z. I. Anashkin. *J. Applied Chem. (U. S. S. R.)* 8, 577-1 (in German 579) (1935).—The moment of penetration of a gas sorbent is detd. by connecting the app. to an inverted funnel projecting into a tared cylinder provided with a glass sieve charged with dry charcoal, suspended from the beam of a balance. Before the expt., this cylinder must be at equil., which is disturbed as soon as gas or vapor begins to pass through the sorption tube, since the former will be adsorbed by the charcoal, thus disturbing the equil. of the balance. A. A. Bochtling.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM SOURCE

SEARCHED BY ONE DES

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